

## STRAIT OF JUAN DE FUCA – JIMMYCOMELATELY CREEK SUMMER CHUM

Jimmycomelately Creek summer chum were called Sequim Bay summer chum in 1992.

### STOCK STATUS

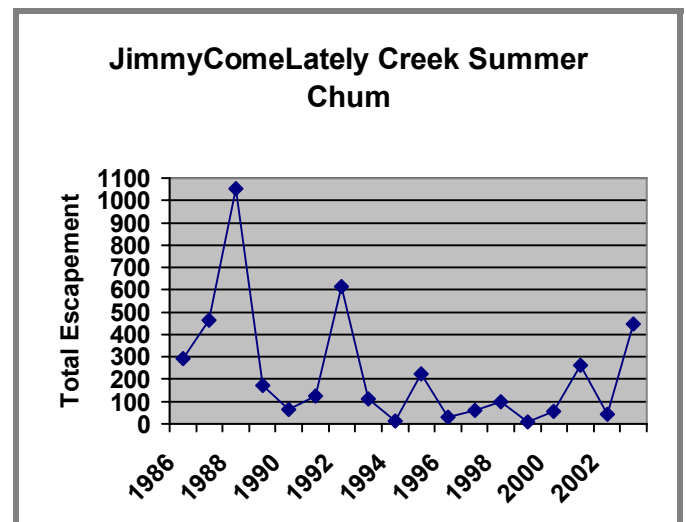
1992 STATUS  
**Depressed**

2002 STATUS  
**Critical**

### STOCK STATUS RATING DATA

USEFULNESS FOR RATING STOCK STATUS: Good

YEAR	TOTAL ESCAPEMENT
1986	292
1987	464
1988	1,052
1989	173
1990	63
1991	125
1992	616
1993	110
1994	15
1995	223
1996	30
1997	61
1998	98
1999	7
2000	55
2001	260
2002	42
2003	446



Data through 1998 are total escapement estimates based on live spawners counted from RM 0.0 to 1.5. Beginning in 1999, an adult trap was used to enumerate the stock and to collect broodstock.

JimmyComeLately Creek summer chum are rated **Critical** in 2002 because of **short-term severe decline** in escapements in 1999 and 2000 and because of **chronically low** escapements. A recovery program that includes hatchery supplementation and habitat improvement actions began in 1999.

### STOCK DEFINITION

JimmyComeLately Creek summer chum were recognized as a stock in the state-tribal summer chum recovery plan (WDFW and PNPTT 2000) based on their distinct spawning distribution and early spawning timing.

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**SPAWNING DISTRIBUTION:** The majority of spawning takes place in the lower half-mile of JimmyComeLately Creek.

**SPAWNING TIMING:** Spawning generally occurs from early September through mid-October.

**GENETIC ANALYSIS:** Allozyme analysis has shown that JimmyComeLately Creek summer chum are genetically distinct from all other Washington chum stocks examined (Phelps et al. 1995).

### STOCK ORIGIN

This is a **native** stock with **composite** production. In 1999, a cooperative hatchery supplementation program began using naturally-produced JimmyComeLately summer chum as broodstock. Adult summer chum produced in the program began returning in 2002 and contributing to the production of this stock.